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(54) Title: METHODS FOR STERILIZATION USING IN SITU GELLING MATERIALS

(57) Abstract: A method for sterilizing a female or male patient is provided. The method comprises introducing into a reproductive duct of the patient a composition comprising a nucleophilic component, such as a thiol, and a component containing a conjugated unsaturated bond, such as an acrylate. The composition crosslinks within the reproductive duct. Within a female patient, the composition is introduced into one or both uterine tubes. The composition gels in the uterine tubes, thereby blocking the uterine tubes and preventing conception.

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